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By: Signature of Person Depositing as First Class Mail

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

EMESH, Ismail et al

Docket No.:

34759.9600

Serial No.:

TITLE:

09/781,593

Art Unit:

3723

Filing Date:

2/12/2001

Examiner:

Unknown

METHOD AND APPARATUS FOR ELECTROCHEMICAL PLANARIZA

OF A WORKPIECE

0/18/2001 SZEMDIE1 00000002 09781593

252.00 OP

PRELIMINARY AMENDMENT

RECEIVED

OCT 2 6 2001

Assistant Commissioner

for Patents

Box AMENDMENT-FEE Washington, D.C. 20231

Dear Madam or Sir:

Adjustment date: 10/19/2001 SZEWDIE1
10/17/2001 SZEWDIE1 00000094 09781953
01 FC:102
02 FC:103 - -1444

Prior to the examination of the above-identified application, please enter the following amendments:

IN THE SPECIFICATION

Please replace the paragraph beginning at page 8, line 24, with the following rewritten paragraph:

--The electrolytic planarizing solution may also include a film forming agent which includes any compound or mixture of compounds that facilitates the formation of a passivation film of metal oxides and dissolution-inhibiting layers on the metallized surface of wafer 60. The passivation film reduces, and preferably eliminates, wet etching of the low topography areas of the metallized surface 80 of wafer 60 until the low topography areas come in contact with polishing pad 40. When these low topography areas come in contact with polishing pad 40 and electrical conductors 70, described below, the passivation film is removed and electrochemical etching may proceed. Thus, the passivation film enhances uniform planarization of wafer 60. Suitable film forming agents may be formed of nitrogen-containing cyclic compounds such as proline, adedine, mercaptonitriles, imidazole, triazole, quinaldic acid, benzotriazole,

